

# SIP Trunk (Gateway) Configuration

SIP Trunks are used to connect Sangoma SBC to a remote SIP Providers/User Agents. Trunks can be used to communicate with SIP carriers or with IP-PBXs.

- It is the description of how the SBC will communicate with that endpoint.
- Example: IP address, port, etc.

SIP Trunks usually contain

- Remote Domain Information
- Remote authentication credentials
- Remote Registration information


SIP Trunks are bound to SIP Profiles.

- A single SIP Profile can be connected to multiple SIP Trunks

\*For per option information please use the tool tips provided in the GUI.

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Configuration > Signaling > **SIP Trunks**

 This page allows managing Trunk - Trunk1 Configuration.

● System stopped.  
● Configuration not completed.

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**Trunk - Trunk1**

**General**

Domain  ⓘ  
 User Name  ⓘ  
 Password  ⓘ  
 From User  ⓘ  
 From Domain  ⓘ  
 Transparent CallerID Enabled ⓘ  
 Proxy Address  ⓘ  
 Outbound Proxy Address  ⓘ  
 Transport UDP ⓘ  
 Contact Host  ⓘ  
 Contact Parameters  ⓘ  
 OPTIONS Ping Frequency  ⓘ  
 OPTIONS Max Ping  ⓘ  
 OPTIONS Min Ping  ⓘ  
 SIP Profile NSC\_SIP\_Profile1 ⓘ  
 Inbound Media Profile ( SIP Profile Default ) ⓘ  
 Outbound Media Profile ( SIP Profile Default ) ⓘ

**Registration**

Registration Disable ⓘ  
 Registrar Proxy Address  ⓘ  
 Register To: Header From User ⓘ  
 Register Expire Seconds 3600 ⓘ  
 Register Retry Seconds 30 ⓘ  
 Register Timeout Seconds 60 ⓘ

**Routing & Header Manipulation**

Routing Plan ( SIP Profile Default ) ⓘ  
 Ingress ( SIP Profile Default ) ⓘ  
 Egress ( SIP Profile Default ) ⓘ

**Call Admission Control**

Max Sessions  ⓘ  
 Session Rate Limit  ⓘ  
 Session Rate Period  ⓘ